

Annual Report 2001

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1 Introduction

1.1 SOM in brief

SOM (Systems, Organisation and Management) is the joint research school of the faculties of Management & Organisation, Economics and Spatial Sciences at the University of Groningen. It combines and stimulates disciplinary and interdisciplinary research, meeting international standards. The school also provides the training and research environment for PhD students. SOM was officially recognised by the Royal Netherlands Academy of Sciences in May 1998. Since 1999 researchers from the Nijmegen Business School of Nijmegen University participate in SOM.

The mission of SOM is to stimulate fundamental and applied research related to the firm in its economic, spatial and demographic environment and to provide a PhD programme with a high international standard. The research area of SOM exceeds the traditional boundaries of business economics and management & organisation as it also explicitly includes the various environments in which firms operate. Research in SOM is organised in so-called themes. A theme is a group of researchers focusing on certain research topics.

SOM has its own budget for activities like seminars, visitors and workshops, to which all the faculties participating in SOM contribute. The faculties of Management & Organisation and Economics both contribute 45%, and the remaining 10% is financed by the faculty of Spatial Sciences. Also the personnel costs of the SOM bureau are financed in this way. Various other research activities, however, are financed through the budgets of the participating faculties. SOM tries to harmonise these policies as much as possible. An important step forward was the decision of the faculty of Economics to delegate the administration of the remaining research budget of the faculty (mainly travel funds) to SOM.

1.2 New developments

Apart from the usual activities – like organising seminars and workshops, issuing research reports, monitoring the progress of PhD students and organising PhD courses and the annual PhD conference – there were some major policy issues in 2001.

First, the faculties of Management and Organisation and Economics had

to write self-evaluation studies on research as part of the *research assessment by the VSNU*. As most of the research activities of both faculties takes place within SOM, it was decided to submit programs, which – as far as the description of the research is concerned – essentially were the SOM themes. An exception was made for theme A, which was split in two separate groups: Planning, Information and Decision-making and Production, Service and Human Resources Management. The focus of the first program is mainly on the secondary process of planning and scheduling in relation to knowledge, information systems and decision theory. The focus of the second programme is the organisation of the primary process, including its control and coordination. Researchers are mainly from the fields of organisation behaviour, human resource management and production. In a way, this decision stimulated an already ongoing discussion on the size and coherence of theme A. In 2002 this discussion continues.

Staff members of both faculties who have research time but no affiliation to SOM, were headed under one of the SOM themes. This happened notably with staff members of the faculty of Management and Organisation as about 50 percent of its research capacity is not within SOM.

Decisions regarding the number of research groups within SOM and their membership will, of course, also be influenced by the VSNU research assessment. At the time of writing, only the preliminary assessments of themes C, E and F, submitted to the Review Committee for Economics, were available. According to the committee, the data show an overall improvement in quality, productivity and viability since the last evaluation. All three programs are viable or better. Two achieve good international standing, but fall short of achieving a truly outstanding (world class) position. The RUG ranks in the lower middle for productivity. The committee posits that SOM has been an important factor in encouraging and rewarding research excellence and providing a formal training environment to young researchers.

As soon as the assessment of the Faculty of Management and Organisation is available, a discussion will be started how to further improve upon our scores, especially with regard to productivity.

Second, a discussion was started how to improve the financing of research projects by NWO. The SOM bureau has written a policy paper in which various measures were identified that can be taken to become more successful. Basically, the proposed approach is to increase the number of proposals submitted and to improve upon the quality of the proposals by having them screened and discussed by experts who have some experience with NWO. Of course, one cannot do without carrots and, therefore, successful applicants will be rewarded. NWO has initiated

the so-called Veni, Vidi and Vici system for individual projects. Quite a number of SOM researchers have submitted proposals. We hope that some of them will be successful. On the basis of their experience, SOM will evaluate the new policies and, if necessary, further improve upon them. Recently, NWO has identified nine research themes under which research will be funded. Some of them are relevant for SOM researchers, like cognition and behaviour, and governance.

Finally, an important issue is the introduction of the research master. This program will start in September 2003 and SOM will be responsible for the joint research master of the faculties of Economics and Management and Organisation.

1.3 Fellows and associate fellows

Fellows and associate fellows can, in principle, spend 40% of their time on research. SOM fellows also have a higher budget for travelling. The table below shows the number of fellows and associate fellows per faculty.

Faculty	Number of fellows	Number of associate fellows
Management & Organisation	21	16
Economics	43	13
Spatial Sciences	5	3
Policy Sciences (Nijmegen)	9	13

The status of associate fellow is a temporary one: after three years the associate fellow is required to have enough credit points to become a fellow (see the box for the criteria). When an associate fellow does not meet the criteria, the director of SOM will have an interview with the researcher to discuss his/her research activities and output. If there is a fair chance that the criteria will be met in due time, the director may advise the Board of SOM to continue the status of the researcher for another year.

As the research output is counted over a moving window of four years a fellow may no longer meet the criteria. When a fellow no longer meets the SOM criteria, the researcher will be informed that within two years (s)he has to meet the criteria, otherwise the status of SOM fellow will be terminated. If after these two years the researcher still does not meet the criteria, the director of SOM will have an interview with the researcher to discuss his/her research activities and output. In

exceptional circumstances the director may advise the Board of SOM to continue the status. This happens, for instance, if the researcher can prove that there is a fair chance (on the basis of papers which are under review or accepted) that (s)he will meet the criteria again in due time. In 2000 four (associate) fellows lost their status; in 2001 one researcher lost his status.

A final issue is how the criteria are applied to staff with a part-time appointment. If someone has less than 0.4 fte available for research due to a part-time appointment, the criteria are adjusted accordingly. So if a researcher has an appointment for one day a week (and 0.1 fte for doing research), (s)he must have 1 credit point to remain (or become) fellow.

Criteria for (associate) fellowship of SOM

hold a PhD Degree

do research that fits into one of SOM's research areas

have a minimum number of credit points, measured over a (moving) period of four years. The following rules apply:

- One credit point is granted for a dissertation, a scientific monograph and for a paper in an international and refereed journal;
- For a publication in a refereed book published by a highly reputable international publisher 0.5 credit point is granted;
- For a SOM research report 0.25 credit point is granted;
- In case of n authors, each author is granted $2/(n+1)$ of the points

Fellows need 4 credit points, associate fellows 2 credit points

1.4 Information dissemination

Newsletter

SOM has its own newsletter, which was published 8 times in 2001. It contains practical information about seminars and other activities, conferences, vacancies and publications. Also there are several human interest items, for instance the diary of one of SOM's researchers, a contribution by one of SOM's alumni and travel reports. The newsletter has a circulation of over 700 and is sent to all personnel of the SOM faculties, the alumni, the advisory board and other research schools in the Netherlands.

Research Reports

The SOM research report series serves two objectives. First, it provides researchers the possibility to disseminate the first results of their research. Second, it offers less experienced researchers an outlet. As submitted manuscripts are commented upon by SOM fellows before the scientific director decides upon publication, SOM also strives to increase the quality of the papers. The 66 reports published in 2001 are listed in Appendix 3. They can be downloaded via the SOM homepage at som.rug.nl.

Seminars, workshops and conferences

SOM organises seminars where researchers present their work. Most of the seminars were given by researchers from other institutions. Appendix 4 contains an overview of these seminars in 2001.

At the end of 2001, initiatives were taken to improve the SOM seminar series. It was suggested to offer one SOM seminar series with seminars on every Tuesday and Wednesday in the period September – June, instead of seminar series per theme.

In the second half of 2001, after a long period of silence, initiatives were taken for a new start of the Dutch Network Institutional Economics. In our next annual report we hope to inform you about a new coordinator and workshops held.

In 2001 the following workshops were organised and/or sponsored by SOM:

- Workshop on demography of firms
- Workshop on institutional economics
- Workshop on ongoing PhD research in the fields of farmers and strategies and food markets
- Workshop on SOM & sports
- Workshop on decision making in firms and firm migration
- Workshop on differential equations and the Stokes phenomenon
- Workshop on planning in process industry
- Workshop on privatisation and financing in developing countries
- Workshop on E-commerce related research
- Workshop on economic freedom
- Workshop on semiotic evolution and the dynamics of culture
- Workshop on corporate risk management

2 Organisation

Bureau

The SOM bureau is responsible for the daily management of the research school. At the end of 2001 the members were:

Prof. J. de Haan, *scientific director*
Dr. D.P. van Donk, *PhD coordinator*
Mrs. A.C. Koning, *office manager*
Mrs. C.B. Feiken, *secretary*
Mrs. A.K. Huisman, *secretary*

Governing Board

The board takes all decisions on the basis of advice from the scientific director and various committees and meets every six weeks. According to the SOM rules each participating faculty is represented by one member. At the end of 2001 the members were:

Faculty of Economics:
Prof. T.J. Wansbeek, chairman

Faculty of Spatial Sciences:
Prof. P.H. Pellenbarg

Faculty of Management and Organisation:
Prof. A.H. van der Zwaan

The scientific director and the PhD coordinator as well as the managing director of the coordinating faculty, Mrs. N. Schouten, are advisory members. Secretary of the board is Mrs. A.C. Koning.

Advisory Board

The Advisory Board gives general policy advice. At the end of 2001 the members were:

Prof. P.Vanden Abeele, Catholic University Leuven, Belgium
Prof. C.A.M.F. Claessens, University of Amsterdam, The Netherlands

Prof. R. van Dierdonck, University of Ghent, Belgium
Prof. B. Goodall, University of Reading, United Kingdom
Prof. P. de Grauwe, Catholic University of Leuven, Belgium
Prof. M. T. Hannan, Stanford University, USA
Prof. P. Hooimeijer, University of Utrecht, The Netherlands
Prof. T. Kloek, Erasmus University Rotterdam, The Netherlands
Prof. D. Laidler, University of Western Ontario, Canada
Prof. J.K. Lenstra, Technical University of Eindhoven, The Netherlands
Prof. R. Lesthaeghe, Free University of Brussels, Belgium
Prof. J. van Sinderen, Erasmus University Rotterdam, The Netherlands
Prof. J.-C. Thoëni, Ecole Normale Supérieure de Cachan, GAPP,
France
Prof. K.F. Wallis, University of Warwick, United Kingdom

Scientific committee

SOM's scientific committee is responsible for approving individual projects (mostly PhD and postdoc projects) and gives advice about research in general. Its members are the scientific director, the coordinators of the various research groups in SOM (see chapter 3) and four other SOM fellows. At the end of 2001 the members were:

Scientific director:

Prof. J. de Haan

Themeleaders:

Prof. R. Jorna (theme A)

Dr. R. Vossen (theme B)

Prof. B. Heijdra (theme C)

Prof. J. van Dijk (theme D)

Prof. E. Sterken (theme E)

Prof. P. Kooreman (theme F)

Prof. A. Sorge (theme G)

Fellows:

Dr. E. Dietzenbacher

Dr. B. Scholtens

Dr. J. Slomp

Prof. F. Willekens

Advisory member:

Dr. D.P. van Donk, PhD coordinator

Secretary of the committee is Mrs. A.C. Koning.

PhD Education Committee

The PhD Education Committee is responsible for the PhD education program. It advises about the proportion of compulsory SOM courses in relation to the courses with the national networks of PhD education, about the content of the courses and about PhD matters in general. At the end of 2001 the members were:

Scientific director:

Prof. J. de Haan

PhD coordinator:

Dr. D.P. van Donk

Fellows:

Prof. L. van Wissen

Prof. E. Molleman

Dr. L. Schoonbeek

PhD candidates:

Drs. A. Brouwer

Drs. F. Wijbenga

Drs. L. Sjarbaini

3 Research

Researchers in SOM participate in one or more research groups (themes). Researchers from the faculties of Economics and Management and Organisation closely work together in the new established theme G: Cross-contextual comparison of institutions and organisation. In 2001 SOM theme D got a new focus towards regional science. A discussion on the size and coherence of theme A was started in 2001. Decisions about splitting up this theme in two or more new themes will be taken in 2002.

A short description of the research themes is provided below.

3.1 Theme A: Primary Processes within firms

Coordinator: R. Jorna

Within this theme research is directed towards interactions between different levels of aggregation within an organisation. The emphasis is mainly on various primary process in organisations, but so-called secondary or supporting processes are also taken into account.

The various subgroups that participate in theme A are working on the following research issues:

- Coordination and lay-out organisation and production systems.
- Work organisation and human resource management, including socio-technics.
- Planning and scheduling, including an Operations Research and a Cognitive Science perspective.
- Decision making, ranging from organisational analysis and redesign to mathematical analysis and decision support systems.
- Knowledge management, that is to say the determination of crucial knowledge, of knowledge types and knowledge change and the relation to knowledge systems.

Fellows:

E. Berghout, E. de Brock, B. Dankbaar, D.-P. van Donk, J. Doorewaard, G. Gaalman, H. Gazendam, P. Hendriks, J. Jonker, R. Jorna, W. Klein Haneveld, M. Mobach, E. Molleman, E. Nijssen, R. Scapens, G. Sierksma, J. Slomp, M. van der Vlerk, H. van de Water, J. Wijngaard, M. de Witte, A. van der Zwaan.

Associate Fellows:

Y. Benschop, M. Broekhuis, H. von Eijje, B. Emans, H. Gazendam, W. Martens, P. van der Meer, A. Nauta, W. de Nijs, J. Riezebos, B. Sadowski, A. Sey, J. Teelken, J. Vennix, M. Visser, D. Vriens, J. de Vries, J. van der Werf, D.J. van der Zee, G. Ziggers

PhD Candidates:

R. Akkerman, A. van den Beukel, J. Bezemer, G. Blaauw, J. Bokhorst, P. Bosch-Sytsema, A. Budihardjo Suriyah, R. Cysouw, S. Drijver, B. Goldengorin, A. Hellenthal, M. Helmhout, P. Henrich, F. ten Kleij, B. Kuipers, L. van der Meer, A. van Rheede, S. Rispens, L. Sjarbaini, C. Soman, M. van der Steen, E. Talens, G. Welker, H. Yue, K. Zoethout, L. Zomerdijk.

3.2 Theme B: Innovation and Interaction

Coordinator: R. Vossen (currently: N. Wijnberg)

Research within theme B is focussed on the interaction between innovation, the behaviour of actors involved in processes of competition and the development of the environment in which the competitive process takes place.

Innovation includes not just technological innovation but also non-technological innovation, particularly organizational and stylistic innovation. Actors include individual innovators or entrepreneurs, firms, departments within firms, stakeholders of firms, groups of individuals or firms, nations, and all other entities which can be viewed as attempting to maintain or improve their position within a competitive environment. Competitive environments include markets, industries, networks, value systems, but also single firms (within which, for instance, specific departments or different groups of stakeholders can compete about the direction of the innovative strategy) and the international policy environment.

Not only actors but also competitive environments interact with each other. The internal organisation of a firm, for instance, allows specific types of competitive processes within a firm that, in turn, interact with its ability to make specific strategic choices, successfully market particular types of new products, and, directly and indirectly, change the course of the development of the market or industry, of the technology and of public policy.

Highlighting not only the connections between actors but also between different environments, and paying particular attention to the dynamics of these connections, also makes it attractive, and often necessary, to integrate different theoretical approaches, frameworks and concepts: not

just from strategic management theory, organisation theory, marketing and industrial economics but also from, for instance, sociology. Also, the characteristics of the interrelations between processes sometimes make it useful to pursue more longitudinal or “historical” approaches, taking into account long-term changes in the social, cultural, technological, institutional and legal background.

Fellows:

B. van Ark, E. Berghout, W. Biemans, L. Broersma, P. Buckley, E. Dietzenbacher, G. Gemser, R. Jorna, P. Leeftang, R. Leenders, B. Los, I. Maignan, M. Timmer, R. Vossen, N. Wijnberg

Associate fellows:

W. Jager, D. Kamann, C. Lutz, Th. Postma, J. Smits

PhD candidates:

A. Ali Hamid, E. Bakker, T. Broekhuizen, N. Campbell, X. Cao, E. Croonen, R. Kok, J. Mol, J. Waalkens, S. Wahyuni Wibisono, D. Welling, F. Wijbenga.

3.3 Theme C: Coordination and growth in economies

Coordinator: B. Heijdra

This theme incorporates SOM-research on economic growth and related coordination issues. Part of the research program focuses on the analysis of the determinants of economic growth, including trade, migration, technological change and investment in human, physical and infrastructural capital. There is much emphasis on spatial (both international and regional) and sectoral patterns of growth. Interdependency in terms of comparative analysis and system analysis is the key to many of the projects. The other part of the research concentrates on coordination issues in product-, labour- and capital markets and their impact on growth. It is related to recent research in institutional economics, and to research on static and dynamic efficiency. The link between the two pillars of this theme provides a perspective on the functioning of the environment in which firms operate and how this environment affects the relation between firm behaviour and macroeconomic growth performance of economies. The research is mainly rooted in macroeconomics, international economics and business, regional economics, applied econometrics and economic history. It uses major research tools, such as general equilibrium models, stochastic modelling, structural growth models, input-output analysis, growth accounting techniques and quantitative economic history.

Close links exist with other SOM research, such as research on corporate governance and banks (themes B and E), labour market (theme D) and technology (theme B).

Fellows:

B. van Ark, S. Brakman, L. Broersma, L. Delsen, E. Dietzenbacher, R. Fremdling, H. Garretsen, J. de Haan, B. Heijdra, N. Hermes, C. Jepma, T. van de Klundert, G. Kuper, R. Lensink, B. Los, J. Oosterhaven, M. Timmer

Associate Fellows:

P. Elhorst, J. Jacobs, E. de Jong, F. de Kam, H. Plasmeijer, E. Schoorl, J. Smits, D. Strijker, A. de Vaal

PhD candidates:

X. Cao, P.H. van Mulligen, J. Sleifer, H. Yetkiner, A. Zeilstra.

3.4 Theme D: Regional Science

Coordinator: J. van Dijk

The current research in this area includes:

- Demography of firms: establishment of new firms/entrepreneurship, firm survival and death and firm migration in a spatial context
- Location theory, new economic geography, spatial clusters and land use
- The functioning of (inter)regional labour markets: regional differences in unemployment and employment, spatial adjustment processes, migration
- Regional modelling: input-output and CGE-models, multistate demographic models, demo-economic models
- Spatial impact and evaluation of transport infrastructure
- Geography of health

Close links exist with other SOM research, such as research on theme C (economic growth), theme B (innovation and diffusion, entrepreneurship, technology policy, learning in and between firms network analysis, technology) and theme A (work organisation and human resource management). Close links exist also with researchers in regional geography and planning at the Faculty of Spatial Sciences in Groningen who participate in the research school Nethur.

Fellows:

S. Brakman, L. Broersma, L. Delsen, E. Dietzenbacher, J. van Dijk,

H. Garretsen, J. Oosterhaven, P. Pellenbarg, S. Scherbov, F. Willekens, L. van Wissen.

Associate fellows:

P. Elhorst, P. Groote, D. Kamann, P. van der Meer, S. Padmadas, P. Rao Sahib, D. Strijker

PhD candidates:

A. Bosch, L. Brons, A. Brouwer, M. den Draak, T. Haartsen, G. Hoogstra, R. Jennissen, M. Kathun, A. Mamun, I. Mariotti, H. Matsuo, S. Muhidin, C.-J. Pen, C. Simon, T. Sobotka, J. Spijker.

3.5 Theme E: Financial markets and institutions

Coordinator: E. Sterken

This field of research encompasses both financial and monetary economics. The common interest is the analysis of both financial structures and financial products. The nature of the research varies from theoretical to applied (econometric) work.

The group studies financial behaviour of the firm. Both the financial decisions taken by the firm and the behaviour of financial stakeholders in the firm are analysed. From the firm perspective the following non-comprehensive list of questions is addressed. How are real and financial decisions of the firm aligned? What kind of financial instruments should the firm use? How can we model the firm's decision to demand external funds (IPO's)? What is the optimal design of bank-firm relationships? How do capital market imperfections affect firm behaviour? How should the firm signal its stakeholders using accounting data (market-based accounting)? From the financial capital supplier's perspective issues in corporate governance are studied. What is the role of banks and institutional investors as supplier of funds?

A second field is the analysis of the financial structure. The nature of the research here is both micro- and macroeconomic. Microeconomic issues are the following. How can financial intermediation be explained? What determines the private bank behaviour? How competitive is the banking sector? The macroeconomic studies of financial structure start from the theory of market imperfections. How should we design monetary policy (central bank independence)? What are the macroeconomic consequences of the design of the financial structure? How is monetary policy transmitted? Is the financial system stable? What are the long-run determinants of interest rates? What explains merger and acquisition behaviour?

A third topic is the study of financial products. The group studies issues

in valuation and design of products. Valuation is studied from the perspective of mathematical finance. Products are priced in full equilibrium assuming perfect information using the no-arbitrage assumption. How should we price derivatives, model the term structure and model instruments that hedge financial risk? How can we manage assets and liabilities (ALM)? Both theoretical work and econometric studies are performed. For instance: how can we use the linear regression model to price derivatives? The design of financial products is analysed using contract theory.

Fellows:

S. Benninga, H. Bo, H. ter Bogt, T. Dijkstra, H. Garretsen, J. de Haan, J. van Helden, N. Hermes, T. Immink, G. Jiang, R. Lensink, B. Scholtens, L. Schoonbeek, E. Sterken.

Associate fellows:

H. von Eije, R. Koning, J. van der Meer, R. van der Meer, A. Plantinga.

PhD candidates:

A. Elbourne, E. Leertouwer, R. van der Molen, E. Nijssse, C. Oosterhof, S. Parijs, R. Salomons, L. Toolsema-Veldman, A. Hua Wang, T. Wouters.

3.6 Theme F: Interactions between consumers and firms

Coordinator: P. Kooreman

While the firm is the central entity in SOM's research themes, it is of crucial importance in any analysis related to firms to understand the incentives and the behaviour of all individual actors involved. In the end, it is the behaviour of these individuals and their mutual interactions that define the more abstract concept of "firm behaviour". The actors involved in firm behaviour include owners, shareholders, managers, employees, and consumers. The interaction between consumer behaviour and the behaviour of firms is the central topic in this theme. The current research in this area includes:

- Eliciting consumer preferences, in particular by means of (conjoint) choice experiments.
- Bounded consumer rationality (labelling effects of different income components, time inconsistent behaviour) and social interactions (peer group and reference group effects)
- Optimal firm response to consumers and rivals (temporary price cuts, degree and channels of advertising)
- Market structure and concentration (banking, internet access, tobacco, cars)

Fellows:

P. Bekker, U. Böckenholt, M. Haan, J. Hoekstra, E. Huizingh, P. Kooreman, E. Meijer, P. Leeftang, L. Schoonbeek, T. Wansbeek, M. Wedel, D. Wittink.

Associate fellows:

R. Koning, M. van de Velden

PhD candidates:

M. Aakouk, F. Adiguzel, A. van Dijk, P. Ebbes, J. Gonçalves Dias, E. Hoppen, C. Horvath, M. Kornelis, E. Leertouwer, A. Soetevent, F. Wijbenga, J. Woltman Elpers.

3.7 Cross-contextual comparison of institutions and organisations

Coordinator: A. Sorge

The program is geared to advance the comparative study and theory of interdependencies between organizational populations, contexts, practices and understandings. This implies a multi-paradigmatic, multi-level and multi-country approach to the study of organisational conduct and performance. Cross-contextual comparison derives theory on the basis of comparing across different contexts. Such contexts may be industrial, societal or national, regional, or institutional in another way. The result would be theory that explains the emergence and change of performance standards across contexts, the generation of performance on the basis of institutionalised conduct within them, and the mutual adaptation between them. This research is built on the presupposition that reasonably mature and self-sustaining organisation and management paradigms exist; the challenge is now to inter-link them, through a middle-range theory established on the basis of cross-contextual comparison.

The theme therefore is distinctive for the comparative multi-firm, multi-industry and multi-country study of intra and inter-organisational conduct and performance by adopting an attitude of methodological triangulation (exploring different, complementary research methods, both qualitative and quantitative in nature) and theoretical cross-fertilisation (combining different theoretical perspectives, from a variety of relevant disciplines). The preferred field of study is larger Europe, in the midst of both, internationalisation and development of national or regional institutional advantage or disadvantage.

Fellows

R. Bachmann, J. Benders, H. van Ees, G. Péli, A. Sorge, A. van Witteloostuijn.

Associate fellows

L. Karsten, T. Postma, F. Poutsma, A. Saka, K. van Veen.

PhD candidates

D. Dikova Grancharova, B. Kibriscikli, J. Zhang.

4 The Graduate School and PhD Education

4.1 Introduction

In 2001 the PhD committee held a number of group interviews among PhD-students. The outcome showed a lot of similarities with the survey held in 2000 by the SOM bureau. A large survey among all PhD students of the RUG published in the UK (university newspaper) put the issue of supervision of PhD's even more prominently on the agenda. The newly appointed PhD coordinator held informative interviews with all PhD candidates. New guidelines for monitoring progress, including regular evaluations in order to keep good track of the progress in both the research project and the educational plan have been implemented. It was a nice surprise to learn that many of the recommendations as put forward at a conference on PhD supervision organised by the GAIOO, are already implemented within SOM. Still, the subject of PhD supervision and creating a good research environment for PhD candidates needs continuous attention of the SOM bureau.

4.2 New courses

About ten PhD candidates attended a newly developed SOM course on interviewing offered by Ben Emans. Both the theoretical and the practical elements were addressed in two intensive sessions.

As part of the introductory course some lectures were given on publishing. The follow up of these lectures was a seminar on an actual paper and its review.

4.3 Introductory course and essay competition

The SOM introductory course, in which the coordinators of the various SOM research themes introduce the research activities of the theme members, was organised in April. Each theme was also represented by a PhD-candidate or a post-doc, who talked about their projects.

The Essay Competition aims at giving PhD candidates the real feeling of interdisciplinary research. Two PhD candidates from different themes write an interdisciplinary essay related to their research themes or own projects.

In the 2001 Essay Competition 9 essays were submitted to the jury. Members of the jury were Peter Groote (FRW), Ton de Leeuw (FBK), Jakob de Haan (SOM), and Dirk Pieter van Donk (SOM).

The jury was surprised by the overall quality of the essays and the clear attempts made to really satisfy the aim of the Essay Competition by writing an interdisciplinary paper. Once again, the variety of the subjects and approaches was a nice representation of the variety of themes within SOM.

Two essays jointly won the first prize:

José Dias and Moshina Khatun: *Modelling the choice of contraceptive methods incorporating unobserved heterogeneity.*

From the jury report:

The paper offers a good combination of the two fields of research of both authors and is innovative in using a marketing technique in demographics. Much effort has been put in elaborating the modelling part of the paper and testing the model with empirical data. As such it is really a paper worth elaborating upon and to be sent to a journal.

Ilaria Mariotti and Martijn Van der Steen: *Conscious Choice for Organisational Relocation: an application of strategic choice theories.*

From the jury report:

The interdisciplinary nature of this paper is interesting and original; the question is raised whether relocation of companies is a normal strategic decision or that demographic location theories should be applied. Theories from two fields of research (location, strategic management) are used to address this central question and to develop some testable hypotheses.

4.4 SOM PhD conference

The annual PhD conference was held on January 18, 2001 in the FREIA building, where 32 PhD candidates presented their work in progress and results and the same number of staff members was active as discussant of those presentations. As also other members of the staff joined several of the presentations, the SOM PhD conference has gradually grown to be one of the largest events within SOM and a place to meet people in a pleasant and informal surrounding. Two plenary sessions were given by Bart van Ark and Leo van Wissen, who introduced some of their recent work to the audience.

All in all, more than 120 people were actively involved in this day.

4.5 PhD committee

The role of this committee is to facilitate communications from SOM to the PhD candidates and vice versa. The committee acts as an independent source of information for PhD candidates, keeping them up-to-date on decisions that are taken and plans that are under discussion.

This information can be found through a link to the PhD committee on the SOM homepage.

The communication from the PhD population to SOM is also an important part of the committee's task. The director of SOM can ask for the committee's opinion about plans and current matters. Also, the committee can initiate plans for a better use of the advantages of SOM. PhD candidates can submit plans or opinions to the committee, either by seeing one of the members or through e-mail. For this reason, the composition of the committee is such that there is always a member a few doors away.

4.6 SOM PhD theses

Faculty of Management and Organisation

Broek, H. van den, On agent cooperation, The relevance of cognitive plausibility for multiagent simulation models of organizations, Promotores: Gazendam, H.W.M., Simons, J.L., Jorna, R.J.J.M. Rijksuniversiteit Groningen, Labyrint Publication, Capelle a/d IJssel, 2001, 263 pp.

Broekhuis, M. Kwaliteitsmanagement in de professioneel dienstverlenende sector, Sturen op kwaliteit als een sociaal construct, Promotores: Leeuw, A.C.J. de, Wijngaard, J. Rijksuniversiteit Groningen, Labyrint Publication, Capelle a/d IJssel, 2001, 329 pp.

Grotenhuis, F. Patterns of acculturation in technology acquisitions, Promotores: Sanders, G.J.E.M., Weggeman, M.C.D.P. Rijksuniversiteit Groningen, Labyrint Publication, Capelle a/d IJssel, 2001, 257 pp.

Hillebrand, B. Internal and external cooperation in product development projects, Promotores: Ghauri, P.N., Biemans, W.G. Rijksuniversiteit Groningen, Labyrint Publication, Capelle a/d IJssel, 2001, 291 pp.

Hummel, M. Supporting medical technology development with the analytic hierarchy process, Promotores: Rossum, W. van, Busscher, H.J., Rijksuniversiteit Groningen, 2001, 186 pp.

Oosterman, B.J. Improving product development projects by matching product architecture and organisation, Promotores: Gaalman, G.J.C., Kuijpers, F.P.J. Rijksuniversiteit Groningen, Labyrint Publication, Capelle a/d IJssel, 2001, 145 pp.

Riezebos, J. Design of a period batch control planning system for cellular manufacturing, Promotor: Gaalman, G.J.C. Rijksuniversiteit Groningen, 2001, 259 pp.

Schouteten, R. Balances in well-being at work, Measurements, determinants, and improvements of the quality of working life, Promotor: Zwaan, A.H. van der, Rijksuniversiteit Groningen, Labyrint Publication, Capelle a/d IJssel, 2001

Wezel, W.M.C. van, Tasks, hierarchies, and flexibility, Planning in food processing industries, Promotores: Gaalman, G.J.C., Jorna, R.J.J.M. Rijksuniversiteit Groningen, Labyrint Publication, Capelle a/d IJssel, 2001

Zhang, Z.H. Implementation of total quality management, An empirical study of Chinese manufacturing firms, Promotores: Waszink, A.C., Wijngaard, J. Rijksuniversiteit Groningen, Labyrint Publication, Capelle a/d IJssel, 2001, 248 pp.

Faculty of Economics

Bo, H. Corporate investment under uncertainty in the Netherlands, Promotores: Sterken, E., Lensink, B.W., Kuper, G.H. Rijksuniversiteit Groningen, Labyrint Publication, Capelle a/d IJssel, 2001, 155 pp.

Linderhof, V. Household demand for energy, water and the collection of waste: a microeconomic analysis, Promotor: Kooreman, P., Rijksuniversiteit Groningen, Labyrint Publication, Capelle a/d IJssel, 2001, 161 pp.

Maier, P. The impact of politics on monetary policy: A study of the Bundesbank and other Central Banks, Promotor: Haan, J. de, Rijksuniversiteit Groningen, Ridderprint BV, Ridderkerk, 2001

Sandor, Z. Computation, efficiency and endogeneity in discrete choice models, Promotores: Wansbeek, T.J., Wedel, M., Kooreman, P. Rijksuniversiteit Groningen, Ridderprint BV, Ridderkerk, 2001

Spring, P. Statistical methods in database marketing, Promotores: Leeftang, P.S.H., Wansbeek, T.J. Rijksuniversiteit Groningen, Ridderprint BV, Ridderkerk, 2001

Voerman, J.F. Verstedelijking en migratie in het Oost-Groningse veengebied 1800-1940, Promotores: Kooij, P., Duyvendak, M., Rijksuniversiteit Groningen, Van Gorcum, Assen, 2001

Volkerink, B. Deficits and taxes: essays on the political economy of fiscal policy, Promotores: Haan, J. de, Kam, C.A. de, Rijksuniversiteit Groningen, Labyrint Publication, Capelle a/d IJssel, 2001, 252 pp.

Faculty of Spatial Sciences

Bus, A.G. Duurzame vernieuwing in naoorlogse wijken, Promotor: Voogd, H., Rijksuniversiteit Groningen, GeoPers, Groningen, 2001

Veen, W.J. van der, The small epidemiologic transition, On infant survival and childhood handicap in low-mortality countries, Promotores: Willekens, F.J., Verloove-Vanhorick, S.P., Rijksuniversiteit Groningen, 2001

Appendix 1: International publications

This appendix provides a list of international publications by SOM fellows and associate fellows of the University of Groningen

Theme A

Books:

Balsters, H., Brock, E.O. de, Conrad, S. (eds.), Database scheme evolution and meta-modeling. Post-proceedings of the DEMM2000-conference. Lecture notes in computer science 2065, SpringerVerlag, Berlin-NewYork, etc. 2001

Maatman, A.J., Schweigman, C., Ruijs, A.J.W., Vlerk, M.H. van der, Modeling farmers' response to uncertain rainfall in Burkina Faso: a stochastic programming approach, Stochastic Programming E-print Series, 2001

Sierksma, G., Linear and integer programming; Theory and practice, Marcel Dekker Inc., New York, 2001

Chapters in books:

Berghout, E.W., Renkema, Th.J., Methodologies for investment evaluation: a review and assessment, Grembergen, W. van (ed.), Information technology evaluation methods and management, Idea Group publishing, Hershey, 2001, pp. 78-97

Goldengorin, B., Ghosh, D., Sierksma, G. Improving the efficiency of branch and bound algorithms for the simple plant location problem, Algorithm engineering, WAE 2001, Lecture notes in computer science, Springer Verlag, Berlin-NewYork, etc. 2001, pp. 106-117

Heusden, B.P. van, Jorna, R.J.J.M., Toward a semiotic theory of cognitive dynamics in

organizations, Liu, K., Clarke, R.J., Andersen, P.B., Stamper, R.K. (eds.), Information, organisation and technology: studies in organisational semiotics, Kluwer Academic Publishers, Dordrecht/Boston/London, 2001, pp. 83-113

Jorna, R.J.J.M., Heusden, B.P. van, Why representation(s) will not go away: crisis of concept or crisis of theory?, Nöth, W., Ljuneberg, C.(eds.), Crisis of representation, Stauffenburg Verlag, Tübingen, 2001, pp. 150-175

Jorna, R.J.J.M., Semiotics, signific concept analysis and the heritage of A.D. de Groot, Schmitz, W., Sebeok, T.A. (eds.), The European semiotic heritage, Dresden University Press, Dresden, 2001, pp. 215-237

Jorna, R.J.J.M., Decision making, semiosis, and the knowledge space: the case for Studas, Perron, P., Danesi, M., Umiker-Sebeok, J., Watanabe, A. (eds.), Semiotics and the information sciences, Legas, New York, 2001, pp. 97-120

Klein Haneveld, W.K., Vlerk, M.H. van der, Optimizing electricity distribution using two stage integer recourse models, Uryasev, S., Pardalos, M.(eds.), Stochastic optimization: algorithms and applications, Kluwer Academic Publishers, Dordrecht/Boston/London, 2001

Oosterman, B.J., Gaalman, G.J.C., Kuijpers, F.P.J., Visualizing interdependencies in technical design, Riihahuhta, A., Pulkkinen, A.(eds.), Design for configuration, a debate based on the 5th WDK workshop on product structuring, Springer Verlag, Berlin-NewYork, etc., 2001, pp. 63-78

Slomp, J., Human factors in the planning and scheduling of flexible manufacturing systems, MacCarthy, B.L., Wilson, J.R.(eds.), Human performance in planning and scheduling: fieldwork studies, Taylor & Francis, London, 2001, pp. 179-197

Slomp, J., Ruel, G. A socio-technical approach for the design of a production control system: towards controllable production units, MacCarthy, B.L., Wilson, J.R.(eds.), Human performance in planning and scheduling: fieldwork studies, Taylor & Francis, London, 2001, pp. 383-409

Verleun, P., Berghout, E.W., Rijnbach, R. van, Management of large balanced scorecard implementations: the case of a major insurance company, Grembergen, W. van (ed.), Information technology evaluation methods and management, Idea Group Publishing, Hershey, 2001, pp. 231-239

Vlerk, M.H. van der, Stochastic programming with simple integer recourse, Floudas, C., Pardalos, P. (eds.), Encyclopedia of optimization V, Kluwer Academic Publishers, Dordrecht/Boston/London, 2001, pp. 343-346

Zee, D.J. van der, Real-time adaptive control of multi-server bulk service processes, Peters, B.A., Smith, J.S., Medeiros, D.J., Rohrer, M.W. (eds.), Proceedings of the 2001 winter simulation conference, Piscataway, New Jersey, 2001, pp. 930-936

Publications in journals

Batenburg, R., Witte, M.C. de, Under-employment in the Netherlands: How the Dutch poldermodel failed to close the education-jobs gap, Work, Employment and Society, 15, 1, 2001, pp. 73-94

Brock, E.O. de, Integrating real practical experience in ICT education, Journal of Information Systems Education, 12, 3, 2001, pp. 133-140

Budihardjo, A., Jorna, R.J.J.M., Koster, C. Identification of the Dutch and Indonesian managers' national values, styles and decision making process, Journal Prasetiya Mulya, 6, 11, 2001, pp. 17-22

Chowdary, B.V., Flexibility and related issues in evaluation and selection of technological systems, Global Journal of Flexible Systems Management, 2, 2, 2001, pp. 11-20

Donk, D.P. van, Make to stock or make to order: the decoupling point in the food processing industries, International Journal of Production Economics, 69, 3, 2001, pp. 297-306

Jorna, R.J.J.M., Decision making, semiosis and the knowledge space: the case for Studas, Semiotica, 130, 1/4, pp. 97-119

Mobach, M.P., From the laboratory to pharmaceutical care research, Pharmacy World & Science, 23, 6, 2001, pp. 205-209

Molleman, E., Slomp, J., The impact of technological innovations on work design in a cellular manufacturing environment, New Technology Work and Employment, 16, pp. 152-163

Molleman, E., Broekhuis, M., Socio-technical systems: towards an organizational learning approach, The Journal of Engineering and Technology Management, 18, pp. 271-293

Molleman, E., Slomp, J., Rolefes, S., The evolution of a cellular manufacturing system: a longitudinal case study, International Journal of Production Economics, 75, pp. 305-322

Molleman, E., Delft, B. van, Slomp, J., The application of an empowerment model, *Human Factors and Ergonomics in Manufacturing*, 11, 2001, pp. 339-354

Nauta, A., Wijngaard, J., Vries, J. de, Power and biased perceptions of interdepartmental negotiation behavior, *Group Processes and Intergroup Relations*, 4, 2001, pp. 263-270

Nauta, A., Sanders, K., Causes and consequences of perceived goal differences between departments within manufacturing organizations, *Journal of Occupational and Organizational Psychology*, 74, pp. 321-342

Suresh, N., Slomp, J., Labor assignment and grouping in cellular manufacturing - a multi-objective methodology, *International Journal of Production Research*, 39, 18, 2001, pp. 4103-4131

Vegt, G.S. van der, Emans, B.J.M., Vliert, E. van de, Patterns of interdependence in work teams: A two-level investigation of the relations with job and team satisfaction, *Personnel Psychology*, 2001, pp. 51-69

Venugopal, V., Suresh, N., Slomp, J., Introduction to manufacturing cells: design, implementation and analysis, *The International Journal of Manufacturing Technology Management*, 12, 4, pp. 233-235

Wezel, W.M.C. van, Jorna, R.J.J.M., Paradoxes in planning, *Engineering Applications of Artificial Intelligence*, 14, 3, 2001, pp. 269-286

Zee, D.J. van der, Harten, A van, Schuur, P.C., On-line scheduling of multi-server batch operations, *IIE Transactions*, 33, 7, 2001, pp. 569-586

Theme B

Chapters in books:

Blair, A., Karsten, L., Leopold, J., The European time directive and its effect on flexibility within organisations, Morello, G., Adam, B., Sabelis, I. (eds.), *Time and management*, ISIDA, Palermo, 2001

Leenders, R.Th.A.T., Kratzer, J., Hollander, J., Engelen, J.M.L. van, Managing product development teams effectively, Griffin, A. (ed.), *PDMA toolbox for new product development*, Wiley, London, 2001

Nooteboom, B., Klos, T., Jorna, R.J.J.M., Adaptive trust and co-operation: an agent-based simulation approach, Falcone, R., Singh, M., Tan, Y.H. (eds.), *Trust in cyber-society: integrating human and machine perspective*, Springer Verlag, Berlin-New York, etc., 2001

Publications in journals:

Biemans, W.G., Designing a dual marketing program, *European Management Journal*, 19, 6, pp. 670-677

Ende, J.C.M. van den, Wijnberg, N.M., Meijer, A., Public policy and innovative capabilities: the case of Philips IT activities, *Technology Analysis & Strategic Management*, 13, 3, 2001, pp. 389-405

Ende, J.C.M. van den, Wijnberg, N.M., Innovation management in the presence of networks and bandwagons, *International Studies of Management and Organisation*, 31, 1, 2001, pp. 30-45

Gabbay, S.M., Leenders, R.Th.A.T., Social capital of organizations: from social structure to the management of corporate social capital, *Research in the Sociology of Organizations*, 18, 2001, pp. 1-20

Gemser, G., Wijnberg, N.M. Effects of reputational sanctions on the competitive imitation of design innovations, *Organisation Studies*, 22, 4, 2001, pp. 563-591

Gemser, G., Leenders, M.A.A.M. How integrating industrial design in the product development process impacts on company performance, *Journal of Product Innovation Management*, 18, 1, 2001, pp. 28-38

Hillebrand, B., Kok, R.A.W., Biemans, W.G., Theory testing using case studies: a comment on Johnson, Leach and Liu, *Industrial Marketing Management*, 30, 8, pp. 651-657

Jager, W., Popping, R., Sande, J.P. van de, Clustering and fighting in two-party crowds: simulating the approach-avoidance conflict, *Journal of Artificial Societies and Social Simulation*, 4, 3, 2001

Jager, W., Janssen, M.A., Vlek, C.A.J. Experimentation with household dynamics: the consumat approach, *International Journal of Sustainable Development*, 4, 1, 2001, pp. 90-100

Karsten, L., Leopold, J., Blair, A., The fight of working hours: trade union action or state control?, *The Journal of European Economic History*, 30, 1

Koole, S.L., Jager, W., Berg, A.E. van den, Vlek, C.A.J., Hofstee, W.K.B. On the social nature of personality: the influence of self- and peer-rated extraversion and agreeableness in a social dilemma, *Personality and Social Psychology Bulletin*, 27, 3, 2001, pp. 289-302

Kratzer, J., Engelen, J.M.L. van, Leenders, R.Th.A.T., Communication and commitment: an empirical study in innovation teams, *Journal of Product Innovation Management*, 12, 2001

Maignan, I.S.J., Ferrell, O.C., Corporate citizenship as a marketing instrument: concepts,

evidence and research directions, *European Journal of Marketing*, 35, 3/4, 2001, pp. 457-484

Maignan, I.S.J., Corporate social responsibility and consumer goodwill: a cross-cultural comparison, *Journal of Business Ethics*, 30, 1, 52-72

Postma, T.J.B.M., Zwart, P., Strategic research and performance of SMEs, *Journal of Small Business Strategy*, 12, 2, 2001, pp. 1-13

Welling, D.Th., Kamann, D.J.F., Vertical cooperation in the construction industry: size does matter, *The Journal of Supply Chain Management*, 37, 4, pp. 28-33

Theme C

Books:

Brakman, S., Garretsen, H., Marrewijk, C. van, *An introduction to Geographical Economics: Trade location and growth*, Cambridge University Press, Cambridge, 2001

McGuckin, R., Ark, B. van, *Performance 2000: productivity, employment and income in the world's economies*, The Conference Board, 2001

Lahr, M.L., Dietzenbacher, H.W.A. (eds.), *Input-output analysis: frontiers and extensions*, Palgrave, Basingstoke, 2001

Sterken, E., Wester, E., Kuper, G.H. (eds.), *Coordination and growth: essays in honour of Simon K. Kuipers*, Kluwer Academic Publishers, Dordrecht/Boston/London, 2001

Zhang, Z.X. Meeting the Kyoto targets: the importance of developing country participation, *Nota di Lavoro*, 30, Fondazione Eni Enrico Mattei, Milaan, 2001

Zhang, Z.X., Assuncao, L., Domestic climate policy and the WTO, *Nota di Lavoro*, 91, Fondazione Eni Enrico Mattei, Milaan, 2001

Chapters in books:

Brakman, S., Garretsen, H., Hoogduin, L.H. Overconfidence in monetary theory and monetary policy, Sterken, E., Wester, E., Kuper, G.H. (eds.), *Coordination and growth: essays in honour of Simon K. Kuipers*, Kluwer Academic Publishers, Dordrecht/Boston/London, 2001

Brunia, N., Kuper, G.H. Capital shortage and entry, Sterken, E., Wester, E., Kuper, G.H. (eds.), *Coordination and growth: essays in honour of Simon K. Kuipers*, Kluwer Academic Publishers, Dordrecht/Boston/London, 2001, pp. 255-268

Dietzenbacher, H.W.A., Lahr, M.L., Introduction, Lahr, M.L., Dietzenbacher, H.W.A. (eds.), *Input-output analysis: frontiers and extensions*, Palgrave, Basingstoke, 2001, pp. 1-31

Dietzenbacher, H.W.A., An intercountry decomposition of output growth in EC countries, Lahr, M.L., Dietzenbacher, H.W.A. (eds.), *Input-output analysis: frontiers and extensions*, Palgrave, Basingstoke, 2001, pp. 121-142

Ees, H. van, Sterken, E., Money and trust, Sterken, E., Wester, E., Kuper, G.H. (eds.), *Coordination and growth: essays in honour of Simon K. Kuipers*, Kluwer Academic Publishers, Dordrecht/Boston/London, 2001, pp. 147-161

Horvath, C., Yetkiner, H.I. Macroeconomic implications of virtual shopping: a theoretical approach, Dasgupta, S. (ed.), *Managing internet and intranet technologies in organizations: challenges & opportunities*, Idea Group Publishing, Hershey, 2001, pp. 104-127

Hourcade, J.C., Zhang, Z.X., Global, regional and national costs and ancillary benefits of mitigation, *Climate Change 2001: Mitigation, Contribution of Working group III to the third Assessment Report*. Intergovernmental Panel on Climate Change, Cambridge University Press, Cambridge, 2001, pp. 499-559

Jacobs, J.P.A.M., Kakes, J. Credit demand asymmetry in the Netherlands 1983-1997, Sterken, E., Wester, E., Kuper, G.H. (eds.), *Coordination and growth: essays in honour of Simon K. Kuipers*, Kluwer Academic Publishers, Dordrecht/Boston/London, 2001, pp. 199-215

Schoorl, E., Patriots, the poor and economic progress; economic societies in the Netherlands, Augello, M.M., Guidi, M.E.L. (eds.), *The spread of political economy and the professionalisation of economists; Economic societies in Europe, America and Japan in the nineteenth century*, Routledge, London, 2001, pp. 138-151

Schoorl, E., Débouchés (Loi des), Jessua, C., Labrousse, C., Vitry, D. (eds.), *Dictionnaire des Sciences Economiques*, Presses Universitaires de France, Paris, 2001, pp. 257-259

Sterken, E., Wester, E., Kuper, G.H. Introduction, Sterken, E., Wester, E., Kuper, G.H. (eds.), *Coordination and growth: essays in honour of Simon K. Kuipers*, Kluwer Academic Publishers, Dordrecht/Boston/London, 2001, pp. 1-13

Zhang, Z.X., Greenhouse gas emissions trading and the world trading system, Bradnee Chambers, W. (ed.), *Inter-linkages: The Kyoto Protocol and the International Trade and Investment Regimes*, United Nations University Press, Tokyo, 2001, pp. 119-151

Zhang, Z.X., Thinking deeply beyond Kyoto: China's accomplishments and challenges in limiting greenhouse gas emissions, Hu, A., Lu, Y. (eds.), *Energy and development: energy and*

environmental policy in the global context, China Plan Press, Beijing, 2001, pp. 275-314

Zhang, Z.X., International rules for greenhouse gas emissions trading, Hu, A., Lu, Y. (eds.), Energy and development: energy and environmental policy in the global context, China Plan Press, Beijing, 2001, pp. 245-262

Publications in journals:

Allers, M.A., Haan, J. de, Sterks, C.G.M. Partisan influence on the local tax burden in the Netherlands, *Public Choice*, 106, 2001, pp. 351-363

Ark, B. van, Haan, J. de, The dynamics of growth, stagnation and recovery in Germany and the Netherlands since 1960, *Jahrbuch für Wirtschaftsgeschichte*, pp. 17-28

Bettendorf, L.J.H., Heijdra, B.J., Intergenerational and international welfare leakages of a product subsidy in a small open economy, *International Tax and Public Finance*, 8, 2001, pp. 705-729

Bettendorf, L.J.H., Heijdra, B.J. Intergenerational welfare effects of a tariff under monopolistic competition, *Journal of Economics*, 73, 3, 2001, pp. 313-346

Broer, D.P., Heijdra, B.J. The investment tax credit under monopolistic competition, *Oxford Economic Papers*, 53, 2001, pp. 318-351

Broersma, L., Butter, F.A.G. den, Labour flows as determinants of the wage-price spiral: an empirical analysis for the Netherlands, *Labour*, 15, 2, 2001, pp. 279-294

Elhorst, J.P. Dynamic models in space and time, *Geographical Analysis*, 33, 2, 2001, pp. 119-140

Erdil, E., Yetkiner, H.I. A comparative analysis of inter-industry wage differentials: industrialized

versus developing countries, *Applied Economics*, 33, 2001, pp. 1639-1648

Fremdling, R.R., Jong, H.J. de, Smits, J.P.H., Die Niederländische Wirtschaft während des zwanzigsten Jahrhunderts, *Jahrbuch für Wirtschaftsgeschichte*, 1, 2001, pp. 13-33

Gautier, P.A., Broersma, L., The timing of labour reallocation and the business cycle: evidence for The Netherlands, *Labour*, 15, 4, 2001, pp. 663-684

Heijdra, B.J., Ligthart, J.E., Deposit-refund on labor: a solution to equilibrium unemployment?, *IMF Staff Papers*, 48, 3, 2001, pp. 593-609

Hermes, C.L.M., Lensink, B.W., Changing the conditions for development aid: a new paradigm?, *Journal of Development Studies*, 37, 6, 2001, pp. 1-16

Jepma, C.J., Meijer, H.J., Schoot Uiterkamp, T., Weesie, P., Editorial, *Energy & Environment*, 12, 5-6, 2001, pp. iii-ix

Jepma, C.J., Climate policy and uncertainty, *Energy & Environment*, 12, 5-6, 2001, pp. 415-423

Klundert, T. van de, Smulders, S. Loss of technological leadership of rentier economies: a two-country endogenous growth model, *Journal of International Economics*, 54, 2001, pp. 211-231

Lensink, B.W., White, H. Are there negative returns to aid?, *Journal of Development Studies*, 37, 6, 2001, pp. 42-65

Los, B. Endogenous growth and structural change in a dynamic input-output model, *Economic Systems Research*, 13, 1, 2001, pp. 3-34

Oosterhaven, J., Eding, G., Stelder, T.M., Clusters, linkages and regional spillovers: methodology and policy implications, *Regional Studies*, 35, 9, 2001, pp. 809-822

Sleifer, J., Separated unity: the industrial sector in 1936 in the territory of the German Democratic Republic and the Federal Republic of Germany, *Jahrbuch für Wirtschaftsgeschichte*, 1, 2001

Sturm, J.E., Haan, J. de, How robust is the relationship between economic freedom and economic growth?, *Applied Economics*, 33, 2001, pp. 839-844

Timmer, M.P. Financial and economic crises in Asia, *Review of Income and Wealth*, 46, 1, 2001, pp. 125-133

Zhang, Z.X. An assessment of the EU proposal for ceilings in the use of Kyoto flexibility mechanisms, *Ecological Economics*, 37, 1, 2001, pp. 53-69

Zhang, Z.X. Estimates of the size of the potential market for the Kyoto mechanisms using a global model based on the marginal abatement costs of 12 regions, *Chinese Environmental Perspectives*, 3, 1, 2001, pp. 24-35

Zhang, Z.X., Maruyama, A., Towards a private-public synergy in financing climate change mitigation projects, *Energy Policy*, 29, 15, 2001, pp. 1363-1378

Zhang, Z.X. The liability rules under international GHG emissions trading, *Energy Policy*, 29, 7, 2001, pp. 501-508

Theme D

Chapters in books:

Dijk, J. van, Dorenbos, R.J. From a job-rights to a job-search labour market in Poland and Hungary, Kuper, Gerard H., Sterken, E., Wester, E. (eds.), *Coordination and Growth, Essays in Honour of Simon K. Kuipers*, Kluwer Academic Publishers, Dordrecht, 2001, pp. 93-115

Willekens, F.J. Gompertz in context: the Gompertz and related distributions, Tabeau, E., Berg Jets, A. van den, Heathcote, C. (eds.), *Forecasting mortality in developed countries. Insights from a statistical, demographic and epidemiological perspective*, Kluwer Academic Publishers, Dordrecht, 2001, pp. 105-126

Wissen, L.J.G. van, Huisman, C., Demography, economy and urbanization, a demo-economic regional simulation model, Stillwell, J., Scholten, H. (eds.), *Land use simulation for Europe*, Kluwer Academic Publishers, Dordrecht, 2001, pp. 143-157

Publications in journals:

Meer, P.H. van der, Wielers, R. The increased labour market participation of Dutch students, *Work, Employment and Society*, 15, 1, 2001, pp. 55-71

Khan, M.M., Ali, D., Ferdousy, Z., Mamun, A.A., A cost-minimization approach to planning the geographical distribution of health facilities, *Health Policy Planning*, 16, 2001, pp. 264-272

Langevelde, A.P. van, Pellenburg, P.H. What's in a Frisian business name?, *Regional identity in the Netherlands*, *Tijdschrift voor Economische en Sociale Geografie*, 92, 3, 2001, pp. 309-323

Lutz, W., Sanderson, W., Scherbov, S., The end of world population growth, *Nature*, 412, 2001, pp. 543-545

Padmadas, S.S., Nair, P.S., Consanguineous unions and its effect on foetal and infant loss in India, *Genus*, 57, 3-4, 2001, pp. 83-104

Pellenburg, P.H., Steen, P.J.M. van, Spatial planning in the Netherlands, Introduction to the 2001 maps, *Journal of Economic and Social Geography*, 92, 1, 2001, pp. 115-116

Pellenburg, P.H., Steen, P.J.M. van, Making space, sharing space, The new memorandum on Spatial Planning in the Netherlands, *Journal of Economic and Social Geography*, 92, 4, 2001, pp. 503-511

Pellenburg, P.H., Steen, P.J.M. van, The Netherlands in maps, *Physical Planning* (1) Housing, (2), Industrial and office sites 2010, (3) Road use intensity, *Journal of Economic and Social Geography*, 92, 2001, pp. 1-3

Scherbov, S., Vianen, H.A.W. van, Marriage and fertility in Russia of women born between 1900 and 1960: a cohort analysis, *European Journal of Population*, 17, 2001, pp. 281-294

Willekens, F.J., Theoretical and technical orientations toward longitudinal research in the social sciences, *Journal of Canadian Studies*, 28, 2, 2001, pp. 189-217

Wissen, L.J.G. van, Gaag, N. van der, Determinants of the subnational distribution of immigration, *Tijdschrift voor Economische en Sociale Geografie*, 92, 1, 2001, pp. 27-41

Theme E

Books:

Gupta, K.L., Lensink, B.W. Financial liberalization and investment, Routledge, London, 2001

Hermes, C.L.M., Lensink, B.W. (eds.), Financial development and economic growth, Routledge, London, 2001

Hermes, C..M., Lensink, B.W. (eds.), Changing the conditions for development aid: a new paradigm?, Frank Cass, London, 2001

Hoogduin, L.H., Herrero, A.G., Gaspar, V., Morgan, J., Winkler, B. (eds.), Why price stability?, European Central Bank, Frankfurt, 2001

Lensink, B.W., Bo, H., Sterken, E. Investment capital market imperfections, and uncertainty: theory and empirical results, Edward Elgar, London, 2001

Volkerink, B., Haan, J. de, Tax ratios: a critical survey, OECD Tax Policy Study, OECD, Paris, 2001

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Theme G

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Blair, A. Karsten, L., Leopold, J., The European directive and its effect on flexibility within organisations, Morello, G., Adam, B., Sabelis, I. (eds.), *Time and management*, ISIDA, Palermo, 2001.

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Appendix 2: PhD candidates

This appendix provides a list of all PhD candidates at the end of 2001 per theme and the title of their research project. More information can be found at the SOM website: som.rug.nl/

Theme A

Akkerman, R.: Structure of the production process and formalizability of scheduling decisions in the food processing industries.

Beukel, A. van den: Multifunctionality and team performance: a multi-disciplinary perspective.

Bezemer, J.: In search of the Dutch consulting explosion: describing and explaining the changing dynamics in the Dutch management consulting branch in the period 1960–2000

Blaauw, G.: Het beheer van cruciale kennis.

Bokhorst, J.: Naar een efficiënte en effectieve inzet van operators en machines in een flexibele geautomatiseerde omgeving.

Bosch-Sytsma, P.: Knowledge development in virtual organisations.

Budihardjo Surijas, A.: Planning and values research project: The values congruence and the planning process.

Cysouw, R.: Innovatie en kennis.

Drijver, S.: Dynamische ALM optimalisatie met behulp van stochastisch gemengd geheeltallige lineaire programmering.

Goldengorin, B.: Data-Correcting Algorithms in Combinatorial Optimization.

Hellenthal, A.: Banners to the development of self-divided work-teams.

Helmhout, M.: Organisations as multi-actor systems.

Henrich, P.: Design of workload control concepts for job shop production: new theories in practice.

Kleij, F. ten: Retrieving knowledge from textual data using external numeric information.

Kuipers, B.: Team development & team performance.

Meer, L. van der: Mutual interdependence among medical professionals: pain or gain.

Rheede, A. van: Collective learning in workflow-system supported, process-oriented teams.

Rispens, S.: The influence of organisational characteristics.

Sjarbaini, L.: Dynamics in the context dependency of knowledge: the conversion of knowledge in innovation.

Soman, C.: How to control capacity-oriented production under make-to-order and make-to-stock: the case of food processing industries.

Steen, M. van der: An institutionalist study of management accounting change in the Netherlands.

Talens, E.: Statistical sampling in auditing and accounting.

Welker, G.: Possibilities and impossibilities of formalising order processing.

Yue, H.: The design and development of human factors in team based worksystems: an operations research approach.

Zoethout, K.: Variety and the requisite of self-organisation.

Zomerdijk, L.: Customers, front office, and back office in service organisations: deviding labour and structuring interfaces in the information era.

Theme B

Ali Hamid, A.: The intercultural adaptation and adjustment of the expatriate's family member and the affect(s) on the expatriate's work performance.

Bakker, E.: Environment, strategy and purchasing; the determinants on the organisation of purchasing.

Broekhuizen, T.: An economic-psychological assessment of the decision making process of consumers in electronic markets in comparison to traditional markets.

Campbell, N.: Integration of internet technologies in supply chain management: a cross cultural case study approach.

Cao, X.: Innovation, diversity and competition.

Croonen, E.: The dynamics of franchising relationships.

Kok, R.: The implementation of market oriented product-development.

Mol, J.: Creating and appropriating value in the cultural industries: the economic resonance of the IT revolution in the arts.

Waalkens, J.: Innovation and networks.

Wahyuni Wibisono, S.: Managing international strategic alliances: a development of evolutionary approach.

Welling, D.: Gecoördineerd samenwerken in de bouw.

Wijbenga, E.: Strategy and performance of small and medium-sized Enterprises (SMEs).

Theme C

Cao, X.: Innovation, diversity and competition.

Mulligen, P van: The effect of product quality on international productivity comparisons.

Sleifer, J.: The structure of the East and West German economies from 1936 to 2000.

Yetkiner, H.: The impact of internationalisation of the economy on productivity and growth.

Zeilstra, A.: Regional labour markets in a cross-country perspective.

Theme D

Bosch, A.: Adolescents' reproductive health in rural Bangladesh: the impact of experiences in childhood.

Brons, L.: The birth rate in the demography of firms: a theoretical and methodology study.

Brouwer, A.: Old firms in the Netherlands.

Draak, M. den: Pregnancy outcomes and child survival in transition.

Haartsen, T.: The countryside: from production to consumption?

Hoogstra, G.: Economische ontwikkelingen in het Noorden.

Jennissen, R.: Economic determinants of international migration in Europe.

Kathun, M.: Contraceptive use dynamic in Bangladesh.

Mamun, A.: Compression of morbidity. A multistate analysis.

Mariotti, I.: Firm migration in Europe.

Matsuo, H.: The first child: transition to motherhood; Japan and the Netherlands.

Muhidin, S.: Regional demographic scenario's for Indonesia.

Pen, C.-J.: The impact of business internal and external factors during the strategic decision making process regarding firm relocations.

Simon, C.: Verstrekking en Ontstreking: de dynamiek van toekenning van regionale identiteit.

Sobotka, T.: Socio-economic determinants of period fertility in Europe.

Spijker, J.: Economic determinants of differences in mortality in Europe.

Theme E

Elbourne, A.: Monetary policy in EMU: effects of (changes in) financial structure.

Leertouwer, E.: An analysis of central bank independence using dynamic panel data models.

Molen, R. van der: Industrial group formation and corporate finance: the case of India.

Nijssse, E.: The micro-structure and dynamics of the Brent Crude oil market.

Oosterhof, C.: Corporate risk management in the Netherlands using financial derivatives.

Parijs, S.: Fairness opinions and liability.

Salomons, R.: The equity premium.

Toolsema-Veldman, L.: Oligopoly models of the banking firm.

Wang, A.: Accounting, business performance and the valuation of firms.

Wouters, T.: The investment styles of mutual funds.

Theme F

Aakouk, M.: Market orientation scan for small and medium-sized enterprises.

Adiguzel, E.: Split questionnaire survey designs and their analysis with the Gibbs sampler.

Dijk, A. van: Models for micro marketing.

Ebbes, P.: Modelling non-classical dependencies in mixed generalised linear models.

Gonçalves Dias, J.: Statistical modeling of effects of demographic changes on consumer behaviour for purpose of direct marketing.

Hoppen, E.: Prediction of consumer information search strategies and their effects on consumer behaviour in online markets.

Horváth, C.: A (game) theoretical and empirical analysis of dynamical competitive reaction strategies and consumer response functions; towards an integrated approach.

Kornelis, M.: De werking van reclamemarkten en het leergedrag van adverteerders.

Leertouwer, E.: An analysis of central bank independence using dynamic panel data models.

Soetevent, A.: Preferences: behavioural, welfare and policy implications.

Wijbenga, E.: Strategy and performance of small and medium-sized Enterprises (SMEs).

Woltman Elpers, J.: Measurement and analysis of attention for tv-commercials.

Theme G

Dikova Grancharova, D.: The choice between an acquisition, a greenfield investment and a strategic alliance foreign entry made in Eastern Europe.

Kibriscikli, B.: Organisational isomorphism, embedded actors and globalisation: the case of banking in Turkey.

Zhang, J.: Environmental change, organisational adaptability and firm performance: a multi-variate, multi-level, multi-country and multi-period analysis of fit.

Appendix 3: Research Reports 2001

- 01E01 Postma, Th.J.B.M., H. van Ees and E.Sterken, Board composition and firm performance in the Netherlands, 31 pp.
- 01E02 Benninga, S., M. Helmantel and O. Sarig, The timing of initial public offerings, 31 pp.
- 01E03 Boonstra, B. and E. Sterken, To what extent does human capital increase the home country bias?, 11 pp.
- 01E04 Scholtens, B., Greenlining: economic and environmental effects of government facilitated lending to sustainable economic activities in the Netherlands, 20 pp.
- 01C05 Elhorst, J.P., Panel data models extended to spatial error autocorrelation or a spatially lagged dependent variable, 20 pp.
- 01E06 Oosterhof, C.M., Corporate risk management: an overview, pp. 30.
- 01A07 Zee, D.J. van der, Real time adaptive control of multi-product multi-server bulk service processes, 15 pp.
- 01A08 Nauta, A., C.K.W. de Dreu and T. van der Vaart, Social value orientation, organizational goal concerns and interdepartmental problem-solving behavior, 28 pp.
- 01E09 Gangopadhyay, S. and R. Lensink, Joint liability lending: a note, 8 pp.
- 01E10 Nijssen, E., Production, storage, and futures hedging under uncertainty, 63 pp.
- 01A11 Veen, K. van, W.S.J. Geerlings and R. Popping, Generating job mobility patterns: using simulation techniques for the explanation of employees' organizational careers, 28 pp.
- 01A12 Karsten, L. and K. van Veen, Dutch consultancies and social scientists in the 1950s and 1960s: developing a field around management issues, 35 pp.
- 01A13 Meer, P.H. van der, Bureaucracy, overschooling and credentials inflation, 31 pp.
- 01A14 Goldengorin, B., D. Ghosh and G. Sierksma, Branch and peg algorithms for the simple plant location problem, 15 pp.
- 01E15 Couwenberg, O., Survival rates in bankruptcy systems: overlooking the evidence, 32 pp.
- 01E16 Lensink, R. and O. Morrissey, Foreign direct investment: flows, volatility and growth in developing countries, 28 pp.
- 01E17 Plantinga, A. and B. Scholtens, Socially responsible investing and management style of mutual funds in the euronext stock markets, 25 pp.
- 01E18 Jong, E. de, Why are price stability and statutory independence of central banks negatively correlated? The role of culture, 60 pp.
- 01E19 Nieuwenhuis, J.W., About locally bounded stochastic processes and stopping times of jump-processes; Incomplete and yet no problem; About numeraire invariance, 18 pp.
- 01D20 Rao Sahib, P., Variations in offer arrival rates in a stationary search model: a note, 8 pp.
- 01A21 Hailemariam, S. and H. von Eije, The impact of slow privatisation in the beverage and textile industry in Eritrea, 17 pp.
- 01A42 As, S. van, The measurement of accident-proneness, 17 pp.
- 01A23 As, S. van, Authority structure and industrial accidents, 26 pp.
- 01A24 As, S. van, Communication and industrial accidents, 28 pp.
- 01C25 Bonenkamp, J., J. Jacobs and G.H. Kuper, Measuring business cycles in The Netherlands, 1815-1913: A comparison of business cycle dating methods, 28 pp.
- 01A26 Brock, E.O. de, and H. Balsters, Towards a general semantic framework for design of federated database systems, 17 pp.

- 01A27 Zee, D.J. van der, Adaptive scheduling of batch servers in flow shops, 31 pp.
- 01C28 Serrano, L. and M.P. Timmer, The productivity of human capital: A sectoral approach for South Korea, 41 pp.
- 01A29 Brand, M.J. and E.H. Bax, Small firms and strategic HRM: An application of the strategic labour allocation process-model, 36 pp.
- 01G30 Bachmann, R., The role of trust and power in the institutional regulation of territorial business systems, 31 pp.
- 01C31 Kuper, G.H. and S. Kuipers, Trends in productivity: The case of capital shortage, 19 pp.
- 01E32 Toolsema, L., Competition in the Dutch consumer credit market, 29 pp.
- 01E33 Eije, J.H. von, and A.H. van der Zwaan, The introduction of share and option rewards: the long-term consequences for newly public companies in The Netherlands, 23 pp.
- 01F34 Schoonbeek, L. and P. Kooreman, No cure, be paid: super-contingent fee contracts, 20 pp.
- 01C35 Hermes, N. and R. Lensink, Fiscal policy and private investment in less developed countries, 45 pp.
- 01E36 Scholtens, B., and R. de Wit, Shareholder wealth effects of bank mergers and the financial system: a comparison of the evidence from North-America, Europe, and Japan, 37 pp.
- 01E37 Bogt, H.J. ter, Transaction cost economics and autonomization of governmental organizations, 30 pp.
- 01F38 Bekker, P.A., and F. Kleibergen, Finite-sample instrumental variables inference using an asymptotically pivotal statistic, 20 pp.
- 01F39 Haan, M., Y. Riyanto and L.A. Toolsema, The commitment effect of choosing the same bank, 21 pp.
- 01B40 Jager, W., and M.A. Janssen, Diffusion processes in demographic transitions: a prospect on using multi agent simulation to explore the role of cognitive strategies and social interactions, 19 pp.
- 01E41 Gangopadhyay, S., and R. Lensink, Corporate ownership as a means to solve adverse selection problems in a model of asymmetric information and credit rationing, 27 pp.
- 01E42 Ter Bogt, H.J., Politicians' use of performance information: Survey research in Dutch municipalities on local politicians' sources of performance information, 52 pp.
- 01A43 Poutsma, E., J. Hendrickx and F. Huijgen, Employee participation in Europe: In search of the high participative workplace in Europe, pp. 39.
- 01E44 Toolsema, L.A., Bank competition with product differentiation under different monetary policy rules, 22 pp.
- 01E45 Meer-Kooistra, J. van der, The role of accounting practices in a radical change process: Towards a comprehensive change framework, 37 pp.
- 01D46 Brakman, S., H. Garretsen and M. Schramm, New economic geography in Germany: Testing the Helpman-Hanson model, 35 pp.
- 01E47 Sterken, E., Endurance and age: Evidence from long-distance running data, 42 pp.
- 01C48 Maseland, R. and A. de Vaal, How fair is fair trade?, 40 pp.
- 01E49 Scholtens, B., and E. Snijder, Are internet firms different? Evidence from insider trading, 39 pp.
- 01E50 Meer-Kooistra, J. van der, and S.M. Zijlstra, Reporting on intellectual capital, 30 pp.
- 01A51 Wanders, H.L.T, G.J.C. Gaalman and G. Sierksma, The composition of semi finished inventories at a solid board plant, 28 pp.

- 01C52 Jacobs, J. and J-P. Smits, Business cycles in the Netherlands, 1815-1913, 33 pp.
- 01A53 Goldengorin, B., G.A. Tijssen, D. Ghosh and G. Sierksma, Solving the simple plant location problem using a data correcting approach, 31 pp.
- 01E54 Chen, L.H., and G.J. Jiang, The financing behavior of Dutch firms, 34 pp.
- 01E55 Chen, L.H., and G.J. Jiang, The determinants of Dutch capital structure choice, 25 pp.
- 01G56 Heusinkveld, S. and J. Benders, Consultants and organisation concepts; tracing routes of reception, 40 pp.
- 01E57 Plantinga, A. and S. de Groot, Risk-adjusted performance measures and implied risk-attitudes, 21 pp.
- 01A58 Slomp, J. and D.J. van der Zee, Flexible automation and the loss of pooling synergy, 18 pp.
- 01F59 Huizingh, K.R.E. and E. Zengerink, Modeling the marketing strategy-performance relationship: towards an hierarchical marketing performance framework, 55 pp.
- 01E60 Eije, H. von, and W. Westerman, Multinational cash management and conglomerate discounts in the euro zone, 25 pp.
- 01E61 Adema, Y. and E. Sterken, Modern stability and financial development in Sub-Saharan countries, 34 pp.
- 01E62 Hermes, N. and R. Lensink, The impact of foreign bank entry on domestic banking markets: A note, 21 pp.
- 01B63 Leenders, R.Th.A.J., S.M. Gabbay and A. Fiegenbaum, Corporate social capital and the strategic management paradigm: A contingency view on organizational performance, 38 pp.
- 01A64 Ghosh, D. and B. Goldengorin, The binary knapsack problem: Solutions with guaranteed quality, 20 pp.
- 01A65 Koning, R.H., M. Koolhaas, G. Renes and G. Ridder, A simulation model for football championships, 13 pp.
- 01G66 Baalen, P. van, and L. Karsten, Interdisciplinariteit, professies en Amerikanisering, 51 pp.

Appendix 4: SOM seminars 2001 (list of external speakers)

January

Yanrui Wu (University of Western Australia), Has productivity contributed to China's growth?

Armin Schwienbacher (University of Namur), Venture capital investment, product innovation and exit.

France Portrait (University of Amsterdam), Health status, mortality and use of long-term care services by the Dutch elderly: the grade of membership method, classification and determination.

February

Thomas Ziesemer (Maastricht University), Unemployment and monopolistic competition: A Pissarides-Dixit-Stiglitz model.

Maarten Janssen (Erasmus University), Pricing, consumer search and the size of internet markets.
Rob Alessie (Free University Amsterdam), Ownership of stocks and mutual funds: a panel data analysis.

Jan Rouwendal (Agricultural University Wageningen), A structural model of traffic congestion: Endogenizing speed, safety, and time losses

March

Bouwe Dijkstra (University of Heidelberg, Germany), Location choice by households and polluting firms: An evolutionary approach.

Peter C. Verhoef (Erasmus University of Rotterdam), The effect of relationship perceptions and relationship marketing instruments on behavioral relationship outcomes: A dynamic modeling approach.

Stephen Martin (University of Amsterdam), Competition policy for high technology industries.

Carles Gispert (Universitat Autònoma de

Barcelona and Tilburg University), Cash-based executive compensation in Spain and the UK.

Erwin Bulte (Tilburg University), Caveman economics and the overkill hypothesis: A story of 12,000 years in the making.

April

Henk Kox (CPB Netherlands Bureau for Economic Policy Research), Impact of monopolistic competition on productivity and industry structure in business services.

William Forbes (University of Manchester), Are forecasts of corporate profits rational: Further evidence.

Eric Abrahamson (Columbia Business School, Columbia University, New York), The evolution of technical business knowledge.

Peter Broer (CPB Netherlands Bureau for Economic Policy Research), Production and market structure in the Athena model.

Luc Bonneux (School of Public Health, Erasmus University Rotterdam), The expiry date of man.

May

H. Romijn (Eindhoven University of Technology), Determinants of innovation capabilities in high-technology SMEs in the United Kingdom.

Colleen Doak (University of North Carolina, USA), Underweight and overweight co-exist within households: A seven country comparison with reflections on China.

Jeroen Hinloopen (TU Delft en UvA), How well do firms in different countries innovate?

Susan Vroman (University of Georgetown), Equilibrium search with time-varying unemployment benefits.

Tiemen Woutersen (University of Western Ontario), Robustness against priors and mixing distributions.

Philip McCann (University of Reading UK), Industrial clusters and agglomeration: Evidence from London and California.

Peter Boswijk (University of Amsterdam), Testing for a unit root with near-integrated volatility.

Geoff Hodgson (University of Hertfordshire), The legal nature of the firm and the myth of the firm-market hybrid.

Erica van Herpen (University of Tilburg), Consumers' expectations of choice success and effort in retail assortments; When more choice is not more difficult.

G. Suñer (University of Puerto Rico), Design and control issues in labor intensive manufacturing cell.

G. Suñer (University of Puerto Rico), Genetic algorithm application in cellular manufacturing.

June

Peter Walgenbach (University of Erfurt), Management styles in Germany and the UK.

Knick Harley (University of Western Ontario), Peasant vs. capitalist farming: Implications for alternative paths to the modern world.

André Lucas (Free University of Amsterdam), Tail behaviour of credit loss distributions for general latent factor models.

G. Ridder (University of Southern California), Method of moments estimation of mixed proportional hazard models with exogenous and endogenous regressors.

Jan Tuinstra (University of Amsterdam), Expectations in the laboratory.

July

Eleanor Preston-Whyte (University of Natal, Durban, South Africa), Culture, context and action: Mobilizing for change in HIV management.

B.M. Ramesh (Karnatak University, Dharwad, Karnataka), Socio-economic and cultural antecedents of HIV/AIDS in Northern Karnataka.

August

Pepi Parreño Selva (University of Alicante, Faculty of Economic and Business Sciences Administration), Modeling the effectiveness of sales promotions on different levels of aggregation.

September

Alea M. Fairchild (formerly from Limburgs Universitair Centrum, Diepenbeek), Investment in knowledge management: creating scorecard perspectives.

Maurice Bun (University of Amsterdam), The importance of dynamics in panel gravity models of trade.

Jose C. Gatchalian (University of the Philippines School of Labour and Industrial Relations), Employee representation and workplace participation.

October

Marcel van Assen (Tilburg University), Two representations of negotiated exchange: A review and comparison.

Marius Ooms (Free University of Amsterdam), Inflation, forecast intervals and long memory regression models.

Paul Pezanis-Christou (University Pompeu Fabra, Barcelona), Bidding at sequential first-price auctions with(out) supply uncertainty: A laboratory experiment.

Karen E. Jehn (Wharton Business School, Philadelphia, USA), Antecedents and consequences of group conflict over time.

Harry Wu (Polytechnic University Hong Kong), Measuring Chinese economic growth.

Eddy Szirmai (Eindhoven University of Technology), Labour productivity trends in Chinese manufacturing, 1980-1999.

Ivo van der Lans (University of Wageningen), Reverse engineering and financial

accountability: Multiple axial-wise partitioning constraints in multidimensional scaling.

Jan Potters (Tilburg University), Culture and trust in a lemons market experiment.

Ian Begg (University of Southbank, London), EMU: A success against the odds.

Pieter Ruys (Tilburg University), Efficient provision and financing of infrastructure and PPS projects.

November

Ad Stokman (De Nederlandsche Bank), Does the conversion to Euro have an inflationary effect.

Insong Jang (University of Bonn), Forward looking behavior and empirical household consumption functions.

Werner Roeger (European Commission), Ageing and pension reform in Europe.

Robert Stehrer (Vienna Institute for International Economic Studies), Globalisation and labour markets: The Gerschenkron hypothesis revisited.

December

Koen Frenken (University of Utrecht), Modeling process innovation using complexity theory.

Hester van Herk (Free University of Amsterdam), Cross-national effects of response style on a values scale. The case of rating versus ranking.

Dmitrii V. Pasechnik (Delft University), Complexity of semi-algebraic proofs.

Michael Funke (Universität Hamburg), Does the nominal exchange rate regime matter for investment?

Ahmed M. El-Galfy (Manchester School of Accounting and Finance), An evaluation of U.S. security analysts forecasts 1983-1999.